

IN THE SPECIFICATION

On page 16, replace the paragraph starting on line 15 with the following:

Some basic spreadsheet files may only contain a single function or formula. On the other hand, some complex files may contain numerous functions, subsets of function packages, and/or entire function packages. A complete description of function loading is contained in co-pending U.S. patent application submitted by the present assignee, and entitled "Method For Dynamic Function Loading In Spreadsheets On Small Devices," application number 09/754,415 filed on January 2, 2001 Sr. No. ____ / ___, filed on ____. Since a formula uses one or more functions, if the functions are complex, so is the formula. The formulas needed by the functions have to be parsed and evaluated individually. After which, compiled code of the formulas is generated. Evaluating and parsing of the formulas, as well as generating compiled code is necessary even though the application, in this case the spreadsheet program, using the file is the same on both the desktop and small device. This is because the operating system of the desktop is different from that of the small device.

Replace the Abstract located on page 27 with the following paragraph:

~~The present invention provides a A method and apparatus is provided for enabling a spreadsheet program with formula support on small devices (like PDAs) while minimizing the amount of memory space used by not only the program, but also by and the accompanying compiled code during transfer of files from the desktop to the small devices. The present invention allows the user can to download a spreadsheet file from the desktop to the small device via a conduit. A conduit is any 2-way communication~~

device which connects a desktop to a small device and allows the transfer of data. Since the operating system of the desktop and small device, like a PDA, are different, the present invention allows the conduit Conduit software to can convert the data to be transferred in into a format understandable by the respective programs of both the desktop and PDA programs. The present invention also allows the conduit software to can also evaluate and parse the formulas and functions needed by the current file before the transfer. The present invention also allows the conduit software to and generate compiled code for the functions needed by the current file before transfer. By letting the conduit software perform the tasks of evaluating and parsing the formulas, and generating compiled code, the present invention optimizes the limited amount of memory space that is so critical to a small device's operating speed and performance.